### Alternative Health Status Indices for Consideration in FY 2001

# **DISPARITIES RELATED TO BIRTHS**

	Users 98	IHS Births 94-96	Rate/1000 for Indians	Rate/1000 for US All Races	% Disparate	# Disparate Indian Births	# Low Weight Births	# High Weight Births	RAW Total %	INDEX SCALED TO LNF PRICE
ABERDEEN	118,881	7,924	29.4%	14.8%	14.6%	3,935	488	1,182	20.8%	22%
ALASKA	113,885	7,840	26.8%	14.8%	12.0%	3,510	419	1,457	18.4%	20%
ALBUQUERQUE	85,400	5,151	23.0%	14.8%	8.2%	1,836	328	413	11.5%	<b>12%</b>
BEMIDJI	86,304	5,865	26.6%	14.8%	11.8%	2,602	297	986	17.6%	19%
BILLINGS	72,591	4,066	25.7%	14.8%	10.9%	1,724	251	575	16.1%	17%
CALIFORNIA	63,457	8,208	23.0%	14.8%	8.2%	2,926	535	1,039	12.6%	14%
NASHVILLE	46,145	4,627	21.9%	14.8%	7.1%	1,500	327	614	11.6%	<b>12%</b>
NAVAJO	253,382	14,091	23.2%	14.8%	8.4%	5,102	819	1,170	11.7%	13%
OKLAHOMA	310,863	18,759	21.8%	14.8%	7.0%	6,024	1,111	2,328	11.0%	<b>12%</b>
PHOENIX	135,785	10,235	25.5%	14.8%	10.7%	4,295	665	1,152	15.2%	16%
PORTLAND	89,878	10,494	24.7%	14.8%	9.9%	4,206	598	1,467	14.8%	16%
TUCSON	23,599	1,763	22.0%	14.8%	7.2%	577	124	145	10.6%	11%
IHS	1,400,170	99,023				38,238	5,962	12,528		15%

## LIFE EXPECTANCY DISPARITIES

	USERS	INDIANS	US ALL RACES	DISPARITY	RAW DISPARITY %	INDEX SCALED TO LNF PRICE
ABERDEEN	118,881	64.8	75.8	11.0	15%	<b>33</b> %
ALASKA	113,885	69.1	75.8	6.7	9%	<b>20</b> %
ALBUQUERQUE	85,400	72.6	75.8	3.2	4%	10%
BEMIDJI	86,304	65.1	75.8	10.7	14%	33%
BILLINGS	72,591	67.2	75.8	8.6	11%	<b>26%</b>
CALIFORNIA	63,457	76.4	75.8	-	0%	0%
NASHVILLE	46,145	72.7	75.8	3.1	4%	9%
NAVAJO	253,382	72.5	75.8	3.3	4%	10%
OKLAHOMA	310,863	74.3	75.8	1.5	2%	<b>5</b> %
PHOENIX	135,785	69.0	75.8	6.8	9%	<b>21%</b>
PORTLAND	89,878	71.0	75.8	4.8	6%	15%
TUCSON	23,599	66.9	75.8	8.9	12%	27%
IHS	1,400,170					15%

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## **HEALTH PROBLEMS & DISEASES DISPARITY**

Age Adj Rates	USERS	INJURY & POISONI NG	ALCO- HOLISM	DIA- BETES	HEART DISEASE	CANCER	SUM OF EXCESS RATES	RAW DISPARITY %	INDEX SCALED TO LNF PRICE
ABERDEEN	118,881	174	109	69	230	173	415	122%	29%
ALASKA	113,885	185	71	11	152	161	242	71%	17%
ALBUQUERQUE	85,400	121	71	75	85	90	195	57%	14%
BEMIDJI	86,304	164	39	78	287	216	444	130%	31%
BILLINGS	72,591	168	61	65	206	173	333	98%	24%
CALIFORNIA	63,457	71	27	28	129	78	54	16%	4%
NASHVILLE	46,145	82	31	60	190	102	153	45%	11%
NAVAJO	253,382	170	50	43	106	86	191	56%	14%
OKLAHOMA	310,863	88	22	38	164	113	102	30%	<b>7</b> %
PHOENIX	135,785	156	72	70	146	88	234	69%	17%
PORTLAND	89,878	120	56	36	141	126	143	42%	10%
TUCSON	23,599	166	70	80	138	99	244	72%	17%
US ALL RACES	1,400,170	52.2	6.7	13	138	130	2,748		15%

## HEALTH DISPARITY RELATED TO POVERTY

	USERS	% Indians Below Poverty	% US Poverty	EXCESS Indian %	INDEX SCALED TO LNF PRICE
ABERDEEN	118,881	49.6%	13.1%	36.5%	25%
ALASKA	113,885	24.0%	13.1%	10.9%	7%
ALBUQUERQUE	85,400	42.1%	13.1%	29.0%	20%
BEMIDJI	86,304	33.0%	13.1%	19.9%	13%
BILLINGS	72,591	44.6%	13.1%	31.5%	21%
CALIFORNIA	63,457	24.0%	13.1%	10.9%	7%
NASHVILLE	46,145	24.7%	13.1%	11.6%	8%
NAVAJO	253,382	44.6%	13.1%	31.5%	21%
OKLAHOMA	310,863	27.0%	13.1%	13.9%	9%
PHOENIX	135,785	41.8%	13.1%	28.7%	19%
PORTLAND	89,878	29.2%	13.1%	16.1%	11%
TUCSON	23,599	24.0%	13.1%	10.9%	<b>7</b> %
IHS	1,400,170				15%

## HEALTH DISPARITY RELATED TO YPLL

	USERS	AREA YPLL RATE	US YPLL RATE	EXCESS RATE	EXCESS YEARS LOST	INDEX SCALED TO LNF PRICE
ABERDEEN	118,881	127.6	53.7	73.9	138%	28%
ALASKA	113,885	106.8	53.7	53.1	99%	20%
ALBUQUERQUE	85,400	86.2	53.7	32.5	61%	12%
BEMIDJI	86,304	118.8	53.7	65.1	121%	24%
BILLINGS	72,591	102.9	53.7	49.2	92%	18%
CALIFORNIA	63,457	64.6	53.7	10.9	20%	4%
NASHVILLE	46,145	78.6	53.7	24.9	46%	9%
NAVAJO	253,382	90.6	53.7	36.9	69%	14%
OKLAHOMA	310,863	74.0	53.7	20.3	38%	8%
PHOENIX	135,785	107.8	53.7	54.1	101%	20%
PORTLAND	89,878	85.1	53.7	31.4	58%	12%
TUCSON	23,599	122.4	53.7	68.7	128%	26%
IHS	1,400,170					15%

### Alternative Health Status Indices for Consideration in FY 2001

## **CUMULATIVE HEALTH DISPARITY INDEX**

	BIRTH DISPARITY INDEX	LIFE EXPECTA NCY INDEX	YPLL INDEX	DISEASE INDEX	HEALTH POVERTY INDEX	AVERAGE 5 Factor INDEX 100% SCALE	INDEX SCALED TO LNF PRICE	ACTUAL FY 2000 HLTH STATUS FACTOR
ABERDEEN	22%	33%	28%	29%	25%	<b>27</b> %	27%	23%
ALASKA	20%	20%	20%	<b>17%</b>	<b>7</b> %	<b>17%</b>	17%	14%
ALBUQUERQUE	12%	10%	<b>12%</b>	14%	20%	14%	14%	<b>13%</b>
BEMIDJI	19%	33%	24%	31%	13%	24%	24%	20%
BILLINGS	17%	<b>26%</b>	18%	24%	21%	<b>21%</b>	21%	18%
CALIFORNIA	14%	0%	4%	4%	<b>7</b> %	<b>6%</b>	6%	11%
NASHVILLE	12%	9%	9%	11%	8%	10%	10%	11%
NAVAJO	13%	10%	14%	14%	21%	14%	14%	17%
OKLAHOMA	12%	5%	8%	<b>7</b> %	9%	8%	8%	12%
PHOENIX	16%	21%	20%	17%	19%	19%	19%	16%
PORTLAND	16%	15%	12%	10%	11%	13%	13%	<b>12%</b>
TUCSON	11%	27%	26%	17%	7%	18%	18%	19%
IHS (weighted)	15%	15%	15%	15%	15%	15%	15%	15%